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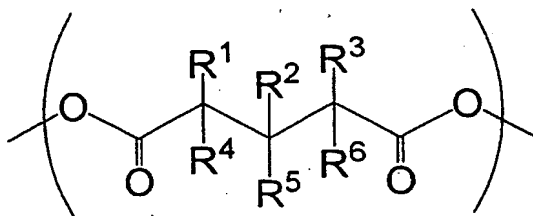
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WO 03/064497 A1

- (51) 国際特許分類: C08G 63/16, 18/42 (72) 発明者; および  
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特願2002-21107 2002年1月30日 (30.01.2002) JP
- (71) 出願人 (米国を除く全ての指定国について): 協和油化株式会社 (KYOWA YUKA CO., LTD.) [JP/JP]; 〒100-0004 東京都千代田区大手町一丁目6番1号 Tokyo (JP).
- (81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ,

[続葉有]

(54) Title: POLYESTER

(54) 発明の名称: ポリエステル

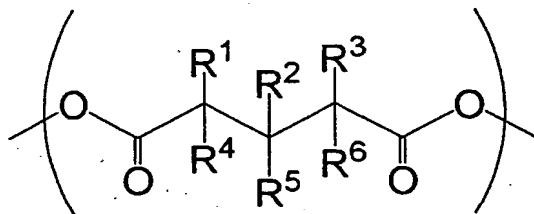


(I)

(57) Abstract: A polyester and polyurethane with excellent hydrolytic resistance which have in the molecule a structural unit represented by the general formula (I): (I) wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, and R<sup>6</sup> are the same or different and each represents hydrogen or lower alkyl, provided that at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, and R<sup>6</sup> is lower alkyl.

(57) 要約:

本発明により、分子内に一般式 (I)



(I)

(式中、R<sup>1</sup>、R<sup>2</sup>、R<sup>3</sup>、R<sup>4</sup>、R<sup>5</sup>およびR<sup>6</sup>は、同一または異なって水素原子または低級アルキルを表すが、R<sup>1</sup>、R<sup>2</sup>、R<sup>3</sup>、R<sup>4</sup>、R<sup>5</sup>およびR<sup>6</sup>のうち少なくとも1つは低級アルキルである) で表される構造単位を有し、耐加水分解性に優れるポリエステルおよびポリウレタンが提供される。

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP03/00874

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> C08G63/16, C08G18/42

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl<sup>7</sup> C08G63/00-63/91

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1926-2003 Toroku Jitsuyo Shinan Koho 1994-2003  
Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 10-130377 A (Kuraray Co., Ltd.), 19 May, 1998 (19.05.98),	1, 4-7, 10
A	Column 1, lines 2 to 8; column 4, lines 41 to 43 (Family: none)	2, 3, 8, 9, 11

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier document but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
24 February, 2003 (24.02.03)

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11 March, 2003 (11.03.03)

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Japanese Patent Office

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